

AMENDMENTS TO THE CLAIMS

1. (Currently amended): A method in a computer system executing a Web-based application, said method comprising the steps of:

associating one of a plurality of different priorities ~~a priority~~ with each one of a plurality of different ~~types of~~ HTTP requests that are processed by an ~~[[said]]~~ application; ~~[[and]]~~

establishing a plurality of different, separate queues;

associating each one of said plurality of different queues with a different one of said plurality of priorities;

for each one of said plurality of HTTP requests, storing one of said plurality of HTTP requests in one of said plurality of different queues that is associated with one of said plurality of priorities that is associated with said one of said plurality of HTTP requests, wherein all of said plurality of HTTP requests that are associated with a first one of said plurality of priorities are stored in a first one of said plurality of different queues that is associated with said first one of said plurality of priorities, and all of said plurality of HTTP requests that are associated with a second one of said plurality of priorities are stored in a second one of said plurality of different queues that is associated with said second one of said plurality of priorities;

completing processing of ones of said ~~[[a]]~~ plurality of HTTP requests that are stored in said first one of said plurality of different queues associated with a higher priority before beginning processing of ones of said plurality of HTTP requests that are stored in said second one of said plurality of different queues regardless of whether said first one of said plurality of priorities is a higher priority than said second one of said plurality of priorities ~~associated with a lower priority.~~

2. (Currently amended): The method according to claim 1, further comprising the steps of:

establishing a plurality of different priorities; and

associating one of a plurality of types of requests with each one of said plurality of different priorities;

identifying a type of each one of said plurality of HTTP requests; and
for each one of said plurality of HTTP requests, determining one of said plurality
of different priorities associated with a ~~[[said]]~~ type that was determined for ~~[[of]]~~ each of
said plurality of HTTP requests.

3. (Canceled)

4. (Canceled)

5. (Currently amended): The method according to claim 1, further comprising the
steps of:

receiving said plurality of HTTP requests by said application; and
determining one of said plurality of different priorities that is a~~priority~~ associated
with a type of each one of said plurality of HTTP requests.

6. (Currently amended): The method according to claim 1, further comprising the
steps of:

receiving one of said plurality of HTTP requests by said application;
determining whether there is a backlog of pending requests waiting to be
processed by said application;
in response to a determination that there is no backlog, immediately processing
said one of said plurality of HTTP requests;
in response to a determination that there is a backlog, determining a type of said
one of said plurality of requests;
identifying one of said plurality of priorities that is a~~priority~~ associated with said
type;
identifying one of said ~~[[a]]~~ plurality of queues that is associated with said
identified one of said plurality of priorities ~~priority~~; and
storing said one of said plurality of requests in said identified one of said plurality
of queues.

7. (Canceled)

8. (Currently amended): The method according to claim 1 [[7]], further comprising the steps of:

storing ones of said plurality of requests having a type associated with a high priority in one of said plurality of queues that is associated with said high priority;
storing ones of said plurality of requests having a type associated with a low priority in one of said plurality of queues that is associated with said low priority; and
completing processing of said ones of said plurality of requests stored in said one of said plurality of queues that is associated with said high priority before beginning processing of said ones of said plurality of requests stored in said one of said plurality of queues that is associated with a low priority.

9. (Currently amended): A computer program product in a computer system executing a Web-based application, comprising:

instruction means for associating one of a plurality of different priorities a priority with each one of a plurality of different types of HTTP requests that are processed by an [[said]] application; [[and]]

instruction means for establishing a plurality of different, separate queues;

instruction means for associating each one of said plurality of different queues with a different one of said plurality of priorities;

for each one of said plurality of HTTP requests, instruction means for storing one of said plurality of HTTP requests in one of said plurality of different queues that is associated with one of said plurality of priorities that is associated with said one of said plurality of HTTP requests, wherein all of said plurality of HTTP requests that are associated with a first one of said plurality of priorities are stored in a first one of said plurality of different queues that is associated with said first one of said plurality of priorities, and all of said plurality of HTTP requests that are associated with a second one of said plurality of priorities are stored in a second one of said plurality of different queues that is associated with said second one of said plurality of priorities;

instruction means for completing processing of ones of said [[a]] plurality of HTTP requests that are stored in said first one of said plurality of different queues ~~associated with a higher priority~~ before beginning processing of ones of said plurality of HTTP requests that are stored in said second one of said plurality of different queues regardless of whether said first one of said plurality of priorities is a higher priority than said second one of said plurality of priorities ~~associated with a lower priority.~~

10. (Currently amended): The product according to claim 9, further comprising:
~~instruction means for establishing a plurality of different priorities; and~~
instruction means for associating one of a plurality of types of requests with each one of said plurality of different priorities;

instruction means for identifying a type of each one of said plurality of HTTP requests; and

for each one of said plurality of HTTP requests, instruction means for determining one of said plurality of different priorities associated with a [[said]] type that was determined for [[of]] each of said plurality of HTTP requests.

11. (Canceled)

12. (Canceled)

13. (Currently amended): The product according to claim 9, further comprising:
instruction means for receiving said plurality of HTTP requests by said application; and

instruction means for determining one of said plurality of different priorities that is a priority associated with a type of each one of said plurality of HTTP requests.

14. (Currently amended): The product according to claim 9, further comprising:
instruction means for receiving one of said plurality of HTTP requests by said application;

instruction means for determining whether there is a backlog of pending requests waiting to be processed by said application;

instruction means responsive to a determination that there is no backlog, for immediately processing said one of said plurality of HTTP requests;

instruction means responsive to a determination that there is a backlog, for determining a type of said one of said plurality of requests;

instruction means for identifying one of said plurality of priorities that is a priority associated with said type;

instruction means for identifying one of said ~~[[a]]~~ plurality of queues that is associated with said identified one of said plurality of priorities ~~priority~~; and

instruction means for storing said one of said plurality of requests in said identified one of said plurality of queues.

15. (Canceled)

16. (Currently amended): The product according to claim 2 ~~[[15]]~~, further comprising:

instruction means for storing ones of said plurality of requests having a type associated with a high priority in one of said plurality of queues that is associated with said high priority;

instruction means for storing ones of said plurality of requests having a type associated with a low priority in one of said plurality of queues that is associated with said low priority; and

instruction means for completing processing of said ones of said plurality of requests stored in said one of said plurality of queues that is associated with said high priority before beginning processing of said ones of said plurality of requests stored in said one of said plurality of queues that is associated with a low priority.

17. (Currently amended): A computer system executing a Web-based application, comprising:

one of a plurality of priorities ~~a priority~~ being associated with each one of a plurality of different ~~types of~~ HTTP requests that are processed by an ~~[[said]]~~ application; ~~[[and]]~~

a plurality of different, separate queues;

each one of said plurality of different queues being associated with a different one of said plurality of priorities;

for each one of said plurality of HTTP requests, one of said plurality of HTTP requests being stored in one of said plurality of different queues that is associated with one of said plurality of priorities that is associated with said one of said plurality of HTTP requests, wherein all of said plurality of HTTP requests that are associated with a first one of said plurality of priorities are stored in a first one of said plurality of different queues that is associated with said first one of said plurality of priorities, and all of said plurality of HTTP requests that are associated with a second one of said plurality of priorities are stored in a second one of said plurality of different queues that is associated with said second one of said plurality of priorities;

said system including a CPU executing code for completing processing of ones of ~~[[a]]~~ said plurality of HTTP requests that are stored in said first one of said plurality of different queues ~~associated with a higher priority~~ before beginning processing of ones of said plurality of HTTP requests that are stored in said second one of said plurality of different queues regardless of whether said first one of said plurality of priorities is a higher priority than said second one of said plurality of priorities ~~associated with a lower priority.~~

18. (Currently amended): The system according to claim 17, further comprising:
~~a plurality of different priorities; and~~
one of a plurality of types of requests being associated with each one of said plurality of different priorities;

a type of each one of said plurality of HTTP requests being identified; and
said CPU executing code for determining, for each one of said plurality of HTTP requests, one of said plurality of different priorities associated with a ~~[[said]]~~ type that was determined for ~~[[of]]~~ each of said plurality of HTTP requests.

19. (Canceled)
20. (Canceled)
21. (Currently amended): The system according to claim 17, further comprising:
said plurality of HTTP requests being received by said application; and
one of said plurality of different priorities that is a priority associated with a type
of each one of said plurality of HTTP requests being determined.
22. (Currently amended): The system according to claim 17, further comprising:
one of said plurality of HTTP requests being received by said application;
said CPU executing code for determining whether there is a backlog of pending
requests waiting to be processed by said application;
in response to a determination that there is no backlog, said one of said plurality
of HTTP requests being immediately processed;
in response to a determination that there is a backlog, a type of said one of said
plurality of requests being determined;
one of a plurality of priorities that is a priority associated with said type being
identified;
one of a plurality of queues that is associated with identified one of said plurality
of priorities ~~said priority~~ being identified; and
said one of said plurality of requests being stored in said identified one of said
plurality of queues.
23. (Canceled)
24. (Currently amended): The system according to claim 17 ~~[[23]]~~, further
comprising:
ones of said plurality of requests having a type associated with a high priority
being stored in one of said plurality of queues that is associated with said high priority;

ones of said plurality of requests having a type associated with a low priority being stored in one of said plurality of queues that is associated with said low priority; and

said ones of said plurality of requests stored in said one of said plurality of queues that is associated with said high priority ~~[[being]]~~ completing processed before processing of said ones of said plurality of requests stored in said one of said plurality of queues that is associated with a low priority is begun ~~are processed~~.